

Subst. Form PTO-1449		Atty. Docket No.: SLD 2 035-3-3-1-1-1(III) P-3724-2-F1-C1-C3	Serial No.: Unknown
APPLICANT'S(S') INFORMATION DISCLOSURE STATEMENT		Applicants: Sullivan	
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Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RC	2,741,480 4·56	04/1963	Smith			
	2,973,800 3·61	09/1968	Muccino			
	3,053,539 9·62	06/1969	Piechowski			
	3,264,272	08/1966	Rees			
RS	3,313,545 4·61	08/1968	Bartsch			
	3,373,123	03/1968	Brice			
	3,384,612	05/1968	Brandt et al.			
	3,395,109	07/1968	Molitor et al.			
RS	3,458,205 7·69	04/1965	Smith et al.			
	3,502,338	03/1970	Cox			
	3,534,965	10/1970	Harrison et al.			
	3,572,721	03/1971	Harrison et al.			
	3,883,145	05/1975	Cox et al.			
	3,979,126	09/1976	Dusbiber			
✓	3,989,568	11/1976	Isaac			

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Initial*	Document No.	Date	Country	Class	Subcl.	Translation?
RC	494,031	10/1938	GB			
	2,245,580	01/1992	GB			
	2,248,067	03/1992	GB			
	2,264,302	11/1992	GB			
RS	2,291,811 2/	1996	GB			

## OTHER ART

RC	A General Reference Manual, "The Chemistry of Polyurethane Coatings," Mobay Corporation, 1-16 (1988)
	Product Announcement, "New Polyurea System Offering Rapid Mold Times and Excellent Thermal Stability for Automotive Fascias Is Introduced by Mobay," PRNewswire, March 1, 1998
	Cytec Industries, Inc., "TMXDI®(META) Aliphatic Isocyanates," brochure, pp. 2-11, 9/94
	Bayer Corporation, "Engineering Polymers RIM and Part Mold Design," brochure, pp. 1-85, 5/95

Examiner: *Robert L. Ward* Date Considered: 9-8-01

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Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RL	4,076,255	02/1978	Moore et al.			
	4,085,937	04/1978	Schenk			
	4,123,061	10/1978	Dusbiber			
	4,190,711	02/1980	Zdrahalo et al.			
	4,218,543	08/1980	Weber et al.			
	4,248,432	02/1981	Hewitt et al.			
	4,272,079	06/1981	Nakade et al.			
	4,274,637	06/1981	Molitor			
	4,337,946	07/1982	Saito et al.			
	4,431,193	02/1984	Nesbitt			
	4,442,282	04/1984	Kolycheck			
	4,570,937	02/1986	Yamada			
	4,582,887	04/1986	Dominguez et al.			
	4,590,219	05/1986	Nissen et al.			
	4,607,090	08/1986	Dominguez			
↓	4,650,193	03/1987	Molitor et al.			

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Initial*	Document No.	Date	Country	Class	Subcl.	Translation?
RL	2,291,812	7/1996	GB			
RL	2,137,841	6/95	Canada			
RL	0,589,647	3/94	EP Patent Application			
RL	0,630,665	12/1994	EP Patent Application			
RL	0,637,459	2/95	EP Patent Application			

## OTHER ART

RL	Bayer Corporation, "Engineering Polymers Properties Guide Thermoplastics and Polyurethanes," brochure, pp. 2-7, 28-29
↓	A Properties Guide, "Engineering Polymers Thermoplastics and Thermosets," Miles Inc., 1-23 (1994)
↓	Polyurethane Handbook, "Chemistry-Raw Materials-Processing Applications-Proeprties," edited by Oertel et al., Hanser/Gardner Publications, Inc., 101,102 (1994)

Examiner:

Date Considered:

9-8-01

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Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
Rb	4,674,751	06/1987	Molitor et al.			
	4,679,795	07/1987	Melvin et al.			
	4,688,801	08/1987	Reiter			
	4,690,981	09/1987	Statz			
	4,695,055	9/1987	Newcomb et al.			
	4,714,253	12/1987	Nakahara et al.			
	4,762,322	08/1988	Molitor et al.			
	4,798,386	08/1989	Berard			
	4,848,770	07/1989	Shama			
	4,852,884	08/1989	Sullivan			
	4,858,923	08/1989	Gobush et al.			
	4,858,924	08/1989	Saito et al.			
	4,878,674	11/1989	Newcomb et al.			
	4,884,814	12/1989	Sullivan			
	4,911,451	03/1990	Sullivan et al.			
	4,919,434	04/1990	Saito			

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Rb	Translated Claims for JP 1,795,357 publ. 1/19/93
	DuPont NUCREL 035 Resin, DuPont Company, Wilmington, DE 1989 (no date)
	ESCOR ACID TERPOLYMERS, EXXON Chemical Co.
	Translated Claims for JP 1,771,941 publ. 8/6/92

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Date Considered:

9-8-01

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 091873, 642

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Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
Rb	4,957,297	09/1990	Newcomb et al.			
	4,979,746	12/1990	Gentiluomo			
	4,984,804	01/1991	Yamada et al.			
	4,986,545	01/1991	Sullivan			
	5,002,281	03/1991	Nakahara et al.			
	5,006,297	04/1991	Brown et al.			
	5,019,319	05/1991	Nakamura et al.			
	5,026,067	06/1991	Gentiluomo			
	5,035,425	01/1991	Edwards			
	5,045,591	05/1991	Meyer et al.			
	5,048,838	05/1991	Chikaraishi et al.			
	5,068,151	11/1991	Nakamura			
	5,072,944	12/1991	Nakahara et al.			
	5,096,201	03/1992	Egashira et al.			
	5,098,105	03/1992	Sullivan			
V	5,104,126	04/1992	Gentiluomo			

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	Document No.	Date	Country	Class	Subcl.	Translation?

#### OTHER ART


Examiner:

*Acacia Hudson*

Date Considered:

9-8-01

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Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
<i>R</i>	5,120,791	06/1992	Sullivan			
	5,142,835	09/1992	Mrocca			
	5,150,906	09/1992	Molitor et al.			
	5,156,405	10/1992	Kitahoh et al.			
	5,184,828	02/1993	Kim et al.			
	5,187,013	02/1993	Sullivan			
	5,197,740	03/1993	Pocklington et al.			
	5,219,973	06/1993	Slack et al.			
	5,222,739	06/1993	Horiuchi et al.			
	5,244,969	09/1993	Yamada			
	5,253,871	10/1993	Viollaz			
	5,273,286	12/1993	Sun			
	5,273,287	12/1993	Molitor et al.			
	5,274,041	12/1993	Yamada			
<i>✓</i>	5,281,651	01/1994	Arjunan et al.			
	5,300,334	04/1994	Niederst et al.			

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Examiner: *Marcus Niederst* Date Considered: *9-8-01*

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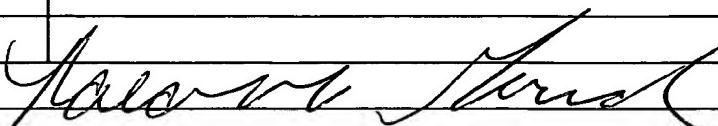
Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
R	5,304,608	04/1994	Yabuki et al.			
	5,306,760	04/1994	Sullivan			
	5,312,857	05/1994	Sullivan			
	5,314,187	05/1994	Proudfit			
	5,324,783	06/1994	Sullivan			
	5,330,837	07/1994	Sullivan			
	5,334,673	08/1994	Wu			
	5,338,610	08/1994	Sullivan			
	5,368,304	11/1994	Sullivan et al.			
	5,368,806	11/1994	Harasin et al.			
	5,387,750	02/1995	Chiang			
	5,403,010	04/1995	Yabuki et al.			
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	5,480,155	01/1996	Molitor et al.			
✓	5,482,285	01/1996	Yabuki et al.			
	5,484,870	01/1996	Wu			

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Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
R	5,490,673	02/1996	Hiraoka			
	5,490,674	02/1996	Hamada et al.			
	5,492,972	02/1996	Stefani			
	5,553,852	09/1996	Higuchi et al.			
	5,586,950	12/1996	Endo			
	5,628,699	05/1997	Maruko et al.			
	5,668,239	09/1997	Nodelman et al.			
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	5,688,191	11/1997	Cavallaro et al.			
	5,692,974	10/1997	Wu et al.			
	5,730,665	03/1998	Shimosaka et al.			
	5,733,206	03/1998	Nesbitt et al.			
	5,733,207	03/1998	Sullivan et al.			
	5,733,428	03/1998	Calabria et al.			
	5,739,247	04/1998	Lesko et al.			
	5,739,253	04/1998	Nodelman et al.			

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Examiner: *Jessica Tenner* Date Considered: *9/8/01*

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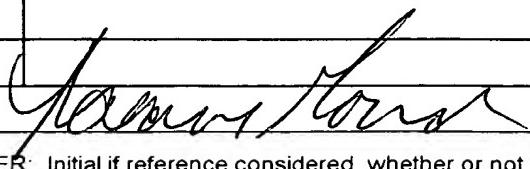
Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
<i>RC</i>	5,750,580	06/1998	Mayer et al.			
	5,759,676	06/1998	Cavallaro et al.			
	5,779,561	07/1998	Sullivan et al.			
	5,779,562	07/1998	Melvin et al.			
	5,779,563	07/1998	Yamagishi et al.			
	5,783,293	07/1998	Lammi			
	5,792,008	08/1998	Kakiuchi et al.			
	5,797,808	08/1998	Hayashi et al.			
	5,800,284	09/1998	Sullivan et al.			
	5,803,831	09/1998	Sullivan et al.			
	5,810,678	09/1998	Cavallaro et al.			
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	5,816,937	10/1998	Shimosaka et al.			
	5,820,488	10/1998	Sullivan et al.			
	5,820,489	10/1998	Sullivan et al.			
	5,820,491	10/1998	Hatch et al.			

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#### U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
<i>Roo</i>	5,827,167	10/1998	Dougan et al.			
	5,830,087	11/1998	Sullivan et al.			
	5,833,553	11/1998	Sullivan et al.			
	5,833,554	11/1998	Sullivan et al.			
	5,836,833	11/1998	Shimosaka et al.			
	5,849,168	12/1998	Lutz			
	5,856,388	01/1999	Harris et al.			
	5,863,264	01/1999	Yamagishi et al.			
	5,873,796	02/1999	Cavallaro et al.			
	5,885,172	03/1999	Hebert et al.			
	5,888,437	03/1999	Calabria et al.			
	5,891,973	04/1999	Sullivan et al.			
	5,897,884	04/1999	Calabria et al.			
	5,899,822	05/1999	Yamagishi et al.			
	5,902,192	05/1999	Kashiwagi et al.			
	5,908,358	06/1999	Wu			

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Examiner: *Tolson / Hugler* Date Considered: *4/8/99*

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**Date Considered:**

9801

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